## Table of Contents

Executive Summary	ES-1
Introduction Purpose of and Need for the Fire Management Plan Decisions to be Made Issues and Concerns Used to Develop Alternatives Principal Differences and Clarifications Between the Draft EIS and Final EIS Description of the Wildland/Urban Interface (WUI) Alternatives, Including the Preferred Alternative Affected Environment Environmental Consequences Summary	ES-1 ES-2 ES-3 ES-4 ES-5 ES-6 ES-1! ES-1!
Chapter I: Purpose and Need Introduction The Decision to Prepare an Environmental Impact Statement Purpose Of and Need For the Yosemite Fire Management Plan Purpose of the Plan Need for the Plan Background Evolution of the Policy toward Natural Processes Management Wildland Fire Conditions in Yosemite Goals and Objectives of the Yosemite Fire Management Plan Purpose and Significance of Yosemite National Park Compliance with Federal Policy Relationship of the Yosemite Fire Management Plan to Other Yosemite National Park	I-1 I-1 I-2 I-2 I-2 I-3 I-4 I-5 I-8 I-13 I-14
Plans Decisions to be Made Scoping and Public Involvement Issues and Concerns Used to Develop the Alternatives Issues Beyond the Scope of the Yosemite Fire Management Plan	I-20 I-20 I-20 I-26
Chapter II: Alternatives Introduction Process for Formulating the Alternatives Criteria Ecological Basis for the Alternatives Fire Return Interval Departure (FRID) Target Conditions for Vegetation and Fuels Adaptive Management Alternatives Considered Common to All Action Alternatives Special Management Areas Alternative A – No Action Alternative B – Aggressive Action Alternative C – Passive Action	II-1 II-1 II-4 II-5 II-5 II-8 II-19 II-19 II-22 II-32 II-33 II-36

Chapter III: Affected Environment III-1 Introduction Wildland Fire Management Situation III-2 Biological Environment III-3 Vegetation and Fire Ecology Vegetation Classification: Ecology and Natural Fire Conditions Wildlife III-15 Special-Status Species III-20 Physical Environment III-23 Geologic Overview III-23 Climate Soils III-24 Water Resources and Watersheds Air Quality III-31 Cultural Environment III-36 Archaeological Resources III-40 Ethnographic Resources III-40 Ethnographic Resources III-41 Social Environment III-43 Recreation III-43 Scenic Resources III-40 Social Environment III-43 Scenic Resources III-46 Socioeconomics III-45 Special Designations Wilderness III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environment IV-1 Biological Environment IV-2 Physical Environment IV-2 Physical Environment IV-2 Physical Environment IV-7	Alternative D – Multiple Action Public Information and Education Utility Corridor Treatments Mitigation Measures Protection of Sensitive Resources Non-Native Species Management Activities Air Quality/Smoke Management Roads and Trails Used for Fire Protection Monitoring Cultural Resource Monitoring Research Yosemite Fire Management Organization and Responsibilities Fire Reporting Fire Management Budgeting Alternatives Considered and Dismissed Environmentally Preferable Alternative Summary of Alternatives Summary of Environmental Consequences	II-38 II-40 II-40 II-42 II-44 II-45 II-45 II-46 II-48 II-49 II-51 II-52 II-53 II-53 II-53 II-55 II-56 II-59
Introduction Wildland Fire Management Situation III-1 Wildland Fire Management Situation III-2 Biological Environment III-3 Vegetation and Fire Ecology III-3 Vegetation Classification: Ecology and Natural Fire Conditions III-5 Wildlife III-15 Special-Status Species III-20 Geologic Overview III-23 Geologic Overview III-23 Climate III-24 Soils III-24 Water Resources and Watersheds III-26 Air Quality III-31 Cultural Environment III-36 Archaeological Resources III-40 Ethnographic Resources III-40 Ethnographic Resources III-40 Cultural Landscape Resources (Including Historic Sites & Structures) III-43 Social Environment III-43 Recreation III-43 Scenic Resources III-40 Socioeconomics III-45 Noise III-45 Special Designations III-55 Wild and Scenic River Designations III-55 Wild and Scenic River Designations III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences Methodology IV-1 Biological Environment	Chapter III: Affected Environment	III-1
Biological Environment Vegetation and Fire Ecology Vegetation and Fire Ecology Vegetation Classification: Ecology and Natural Fire Conditions Wildlife Wildlife Special-Status Species III-20 Physical Environment III-23 Geologic Overview III-24 Climate Soils III-24 Water Resources and Watersheds Air Quality III-26 Air Quality III-27 III-28 Archaeological Resources Ethnographic Resources Ultural Landscape Resources (Including Historic Sites & Structures) III-43 Recreation Scenic Resources III-43 Scenic Resources III-45 Socioeconomics Environmental Justice Socioeconomics Environmental Justice III-45 Special Designations Wild and Scenic River Designations Wild rness III-55 Energy Consumption III-56 Inergy Consumption III-57  Chapter IV: Environmental Consequences IV-1 Methodology IV-1 Biological Environment IV-2		
Vegetation and Fire Ecology Vegetation Classification: Ecology and Natural Fire Conditions Wildlife Special-Status Species Physical Environment Geologic Overview Climate Soils Water Resources and Watersheds Air Quality Cultural Environment HI-24 Archaeological Resources Ethnographic Resources Ultural Landscape Resources (Including Historic Sites & Structures) HI-40 Social Environment HI-43 Social Environment HI-43 Social Environment HI-43 Scenic Resources HI-45 Noise Socioeconomics Environmental Justice Special Designations Wild and Scenic River Designations Wilderness HI-55 Wilderness Energy Consumption HI-56 Topics Dismissed from Further Analysis  Chapter IV: Environment Methodology HV-1 Biological Environment HI-52	Wildland Fire Management Situation	III-2
Vegetation Classification: Écology and Natural Fire Conditions Wildlife Special-Status Species III-15 Special-Status Species III-20 Physical Environment III-23 Geologic Overview III-23 Climate Soils III-24 Water Resources and Watersheds III-24 Water Resources and Watersheds III-26 Air Quality III-31 Cultural Environment III-36 Archaeological Resources III-40 Ethnographic Resources III-40 Cultural Landscape Resources (Including Historic Sites & Structures) III-43 Recreation Scenic Resources III-45 Noise III-45 Noise III-45 Socioeconomics III-45 Special Designations III-55 Wild and Scenic River Designations Wild and Scenic River Designations III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences Methodology IV-1 Biological Environment IV-2	Biological Environment	
Wildlife III-15 Special-Status Species III-20 Physical Environment III-23 Geologic Overview III-24 Soils III-24 Water Resources and Watersheds III-26 Air Quality III-27 Cultural Environment III-28 Archaeological Resources III-29 Ethnographic Resources III-40 Cultural Landscape Resources (Including Historic Sites & Structures) III-42 Social Environment III-43 Recreation III-43 Scenic Resources III-40 Sociole Conomics III-45 Noise III-45 Socioeconomics III-45 Socioeconomics III-45 Special Designations III-55 Wild and Scenic River Designations III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences Methodology IV-1 Biological Environment		
Special-Status Species Physical Environment Geologic Overview III-23 Geologic Overview Climate Soils III-24 Water Resources and Watersheds Air Quality III-31 Cultural Environment III-36 Archaeological Resources III-40 Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures) III-42 Social Environment III-43 Recreation III-43 Scenic Resources IIII-45 Noise III-45 Socioeconomics III-46 Socioeconomics III-47 Special Designations III-48 Special Designations IIII-55 Wild and Scenic River Designations IIII-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences IV-1 Methodology IV-1 Biological Environment III-23 IIII-24 IIII-24 IIII-25 IIII-26 IIII-26 IIII-26 IIII-26 IIII-27 IV-1 IIII-27 IIII-28 IIII-28 IIII-29 IIII-29 IIII-29 IIII-29 IIII-29 IIII-29 IIII-29 IIII-29 IIII-29 IIII-20 III		
Physical Environment Geologic Overview Climate Soils Water Resources and Watersheds Air Quality Cultural Environment HI-36 Archaeological Resources Ethnographic Resources Ultural Landscape Resources (Including Historic Sites & Structures) HI-42 Social Environment Recreation Scenic Resources III-43 Scenic Resources III-45 Socioeconomics III-45 Socioeconomics III-46 Socioeconomics III-47 Environmental Justice III-48 Environmental Justice III-54 Special Designations Wilderness Wilderness III-55 Wilderness III-56 Energy Consumption III-57  Chapter IV: Environmental Consequences Methodology Biological Environment III-23 III-24 III-24 III-25 III-25 III-26 III-26 III-26 III-27 IV-1 III-27 III-28 III-29 III-		
Geologic Overview Climate Soils Water Resources and Watersheds Air Quality Ultural Environment Archaeological Resources Ethnographic Resources Ultural Landscape Resources (Including Historic Sites & Structures) Ultural Environment Recreation Scenic Resources Ill-40 Scenic Resources Ill-43 Scenic Resources Ill-43 Scenic Resources Ill-45 Socioeconomics Ill-45 Socioeconomics Ill-45 Environmental Justice Ill-46 Socioeconomics Ill-48 Environmental Justice Ill-54 Special Designations Wild and Scenic River Designations Wilderness Ill-55 Wild end Scenic River Designations Ill-56 Energy Consumption Ill-56 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences IV-1  Methodology Biological Environment IV-2		
Climate Soils Water Resources and Watersheds Air Quality Ultural Environment Archaeological Resources Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures) III-42 Social Environment Recreation Scenic Resources III-43 Scenic Resources III-45 Noise Socioeconomics Environmental Justice Special Designations Wilderness Wilderness Energy Consumption III-55 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences III-57  Methodology Biological Environment III-24 III-24 III-25 III-26 III-26 III-27 III-27 III-28 III-29	·	
Soils Water Resources and Watersheds Air Quality Ultural Environment Ill-36 Archaeological Resources Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures) Ill-40 Social Environment Ill-43 Recreation Scenic Resources Ill-45 Noise Ill-45 Socioeconomics Environmental Justice Special Designations Wild and Scenic River Designations Wilderness Ill-55 Wild and Scenic River Designations Ill-55 Uniderness Ill-56 Energy Consumption Ill-57 Topics Dismissed from Further Analysis Ill-57  Chapter IV: Environmental Consequences IV-1 Biological Environment IV-2	· ·	
Water Resources and Watersheds Air Quality  Cultural Environment  III-36 Archaeological Resources Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures)  Social Environment Recreation Scenic Resources III-43 Scenic Resources III-45 Noise III-45 Socioeconomics III-48 Environmental Justice Special Designations Wild and Scenic River Designations Wilderness III-55 Wilderness III-56 Energy Consumption III-57  Chapter IV: Environmental Consequences  Methodology Biological Environment IV-1  Methodology Biological Environment IV-2		
Air Quality Cultural Environment Archaeological Resources Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures) III-40 Social Environment Recreation III-43 Scenic Resources III-45 Noise Socioeconomics Environmental Justice Special Designations Wild and Scenic River Designations Wilderness Energy Consumption Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences Methodology Biological Environment III-31 III-32 III-34 III-35 III-36 III-36 III-36 III-37 IV-1 IV-1 IV-1		
Cultural Environment Archaeological Resources Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures) III-40 Social Environment III-43 Recreation III-43 Scenic Resources III-45 Noise III-45 Socioeconomics Environmental Justice Special Designations Wild and Scenic River Designations Wilderness III-55 Wilderness III-56 Energy Consumption Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences  Methodology Biological Environment III-52  IV-1  IV-2		
Archaeological Resources Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures)  Social Environment III-43 Recreation Scenic Resources III-45 Noise III-45 Socioeconomics III-45 Environmental Justice Special Designations Wild and Scenic River Designations Wilderness III-55 Energy Consumption Topics Dismissed from Further Analysis  III-57  Chapter IV: Environmental Consequences Methodology Biological Environment III-49		
Ethnographic Resources Cultural Landscape Resources (Including Historic Sites & Structures) III-42 Social Environment III-43 Recreation III-43 Scenic Resources III-45 Noise III-46 Socioeconomics III-46 Environmental Justice III-47 Special Designations III-54 Special Designations III-55 Wild and Scenic River Designations III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences IV-1 Methodology Biological Environment IV-2		
Cultural Landscape Resources (Including Historic Sites & Structures)  Social Environment  Recreation  Recreation  Scenic Resources  Noise  Socioeconomics  Environmental Justice  Special Designations  Wild and Scenic River Designations  Wilderness  Energy Consumption  Topics Dismissed from Further Analysis  III-57  Chapter IV: Environmental Consequences  Methodology  Biological Environment  III-43  III-43  III-43  III-43  III-43  III-43  III-45  III-45  III-45  III-45  III-45  III-45  III-57  III-57  III-57		III-40
Recreation III-43 Scenic Resources III-45 Noise III-46 Socioeconomics III-48 Environmental Justice III-54 Special Designations III-55 Wild and Scenic River Designations III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences IV-1 Biological Environment IV-2	Cultural Landscape Resources (Including Historic Sites & Structures)	III-42
Scenic Resources Noise Noise Socioeconomics III-46 Socioeconomics III-48 Environmental Justice III-54 Special Designations Wild and Scenic River Designations Wilderness III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences Methodology Biological Environment IV-2	Social Environment	III-43
Noise Socioeconomics III-48 Environmental Justice Special Designations Wild and Scenic River Designations Wilderness UII-55 Wilderness Energy Consumption III-56 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences Methodology Biological Environment  IV-1 IV-2		
Socioeconomics Environmental Justice Special Designations Wild and Scenic River Designations Wilderness Wilderness Energy Consumption III-56 Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences Methodology Biological Environment  III-48 IIII-54 IIII-55 IIII-55  III-55  III-56 III-57		
Environmental Justice III-54 Special Designations III-55 Wild and Scenic River Designations III-55 Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences IV-1 Methodology IV-1 Biological Environment IV-2		
Special Designations Wild and Scenic River Designations Wilderness Energy Consumption Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences Methodology Biological Environment  III-55  III-56  IV-1  IV-2		
Wild and Scenic River Designations Wilderness UII-56 Energy Consumption Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences Methodology Biological Environment  IV-1 IV-2		
Wilderness III-56 Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences IV-1 Methodology IV-1 Biological Environment IV-2		
Energy Consumption III-56 Topics Dismissed from Further Analysis III-57  Chapter IV: Environmental Consequences IV-1 Methodology IV-1 Biological Environment IV-2	<u> </u>	
Topics Dismissed from Further Analysis  Chapter IV: Environmental Consequences  Methodology  Biological Environment  IV-1  IV-2		
Methodology IV-1 Biological Environment IV-2		
Biological Environment IV-2	Chapter IV: Environmental Consequences	

Cultural Environment	IV-11
Social Environment	IV-17
Environmental Justice	IV-19
Special Designations	IV-20
Energy Consumption	IV-20
Alternative A – No Action	IV-22
Biological Environment	IV-22
Vegetation and Fire Ecology	IV-22
Wetlands	IV-29
Wildlife	IV-33
Special-Status Species – Plants	IV-40
Special-Status Species – Animals	IV-44
Physical Environment	IV-71
Watersheds, Soils, and Water Quality	IV-71
Air Quality	IV-74
Cultural Environment	IV-77
Archeological Resources	IV-77
Ethnographic Resources	IV-80
Cultural Landscape Resources	IV-82
Social Environment	IV-85
Recreation	IV-85
Scenic Resources	IV-87
Noise	IV-89
Local Communities	IV-91
Environmental Justice	IV-94
Special Designations	IV-95
Wild and Scenic Rivers	IV-95
Wilderness	IV-95
Energy Consumption	IV-98
Sustainability and Long-Term Management	IV-101
Alternative B – Aggressive Action	IV-103
Biological Environment	IV-103
Vegetation and Fire Ecology	IV-103
Wetlands	IV-110
Wildlife	IV-113
Special-Status Species – Plants	IV-119
Special-Status Species – Animals	IV-121
Physical Environment Watersheds, Soils, and Water Quality	IV-139 IV-139
Watersheds, Soils, and Water Quality	IV-139
Air Quality Cultural Environment	IV-144
Archeological Resources	IV-150
Ethnographic Resources	IV-150
Cultural Landscape Resources	IV-154
Social Environment	IV-157
Recreation	IV-157
Scenic Resources	IV-160
Noise	IV-163
Local Communities	IV-165
Environmental Justice	IV-169
Special Designations	IV-170
Wild and Scenic Rivers	IV-170
Wilderness	IV-170
Energy Consumption	IV-173
Sustainability and Long-Term Management	IV-176

Alternative C- Passive Action	IV-178
Biological Environment	IV-178
Vegetation and Fire Ecology	IV-178
Wetlands	IV-182
Wildlife	IV-183
Special-Status Species – Plants	IV-187
Special-Status Species – Animals	IV-189
Physical Environment	IV-201
Watersheds, Soils, and Water Quality Air Quality	IV-201 IV-204
Cultural Environment	IV-204 IV-208
Archeological Resources	IV-208
Ethnographic Resources	IV-210
Cultural Landscape Resources	IV-212
Social Environment	IV-214
Recreation	IV-214
Scenic Resources	IV-215
Noise	IV-217
Local Communities	IV-218
Environmental Justice	IV-220
Special Designations	IV-221
Wild and Scenic Rivers	IV-221
Wilderness	IV-221
Energy Consumption	IV-223
Sustainability and Long-Term Management	IV-225
Alternative D- Multiple Action	IV-227
Biological Environment	IV-227
Vegetation and Fire Ecology	IV-227
Wetlands	IV-232
Wildlife	IV-233
Special-Status Species – Plants	IV-239
Special-Status Species – Animals	IV-242
Physical Environment	IV-255
Watersheds, Soils, and Water Quality	IV-255
Air Quality Cultural Environment	IV-259 IV-263
Archeological Resources	IV-263
Ethnographic Resources	IV-265
Cultural Landscape Resources	IV-267
Social Environment	IV-269
Recreation	IV-269
Scenic Resources	IV-271
Noise	IV-271
Local Communities	IV-272
Environmental Justice	IV-274
Special Designations	IV-274
Wild and Scenic Rivers	IV-274
Wilderness	IV-274
Energy Consumption	IV-275
Sustainability and Long-Term Management	IV-278
Chapter V: Wild and Scenic Rivers	V-1
Merced Wild and Scenic River	V-1 V-2
Fire Management and Tuolumne Wild and Scenic River	V-12
<del>-</del>	

Chapter V	I: Consultation and Coordination	VI-1
Introduction Public Scopir Organization Coordination	s and Agencies Consulted	VI-1 VI-1 VI-3 VI-6
Chapter V List of Prep	<b>/II: List of Preparers</b> arers	<b>VII-1</b> ∨II-1
Appendic	es	
Appendix 1		A1-1
Appendix 2		A2-1
Appendix 3	Procedures	A3-1
Appendix 4		A4-1
Appendix 5		A5-1
Appendix 6		A6-1
Appendix 7		A7-1
Appendix 8		A8-1 A9-1
Appendix 9 Appendix 1		A9-1 A10-1
Appendix 1		A10-
Appendix 1		A12-
Appendix 1		A13-
List of Tal	hles	
Table II-1	Fire Return Interval Departures by Percentage of Vegetation Type for	II-7
	Median Fire Return Intervals in Yosemite National Park	
Table II-2	Fire Return Interval Departures by Percentage of Vegetation Type for	II-8
T	Median Fire Return Intervals at the El Portal Administrative Site	11.4.4
Table II-3	Restoration Target Conditions	II-11 II-12
Table II-4 Table II-5	Maintenance Target Conditions  Agrees to be Treated in Esseystem Posteration Areas and	II-13 II-18
Table II-5	Acres to be Treated in Ecosystem Restoration Areas and Wildland/Urban Interface: Comparison of Action Alternatives	11-10
Table II-6	Hazardous Fuel Reduction	II-30
Table II-7	Fire and Mechanical Treatments Used in Alternative B by Unit	II-35
Table II-8	Fire and Mechanical Treatments Used in Alternative C by Unit	II-37
Table II-9	Fire and Mechanical Treatments Used in Alternative D by Unit	II-40
Table II-10	Utility Corridors Subject to Tree Hazard Mitigation/Vegetation	II-41
	Management	
Table II-11	Roads and Trails Used for Fire Management Activities	II-47
Table II-12	Sample of Cultural Resource Research Needs	II-50
Table II-13	Summary of Alternatives	II-56
Table II-14	Summary of Environmental Consequences	II-59
Table III-1	Vegetation Groups, Fire Vegetation Types, & Acreage - Yosemite National Park	III-4
Table III-2	Vegetation Groups, Fire vegetation Types, & Acreage - El Portal Admin.	III-4
	Site	
Table III-3 Table III-4	Fuel Models and Vegetation Types of Yosemite and El Portal Wildlife Species Inhabiting Vegetation Types	III-5 III-17

Table III-5 Table III-6	California State Rare Plants Special Status Wildlife Species	III-21 III-21
Table III-7	Federal and California Ambient Air Quality Standards	III-32
Table III-8	Status of Ambient Air Quality Designations	III-33
Table III-9	Air Quality Monitoring in the Vicinity of Yosemite National Park	III-35
Table III-10	Highest Recorded Ozone and PM <sub>10</sub> Measurements at Yosemite National Park	III-36
Table III-11	Archeological Surveys and Known Sites in 1990 Fire Management Plan Zones	III-40
Table III-12	Sound Levels and Relative Loudness of Typical Noise Sources	III-47
Table III-13	Regional Population by County	III-48
Table III-14	1998 Total Taxable Retail Sales by County	III-48
	Total Spending by Yosemite Visitor Population Categories in 1998	III-49
Table III-16	Ethnic Background of Yosemite Visitors and Residents of California and	III-54
	Yosemite Region	
Table III-17	Annual Household Income Category	III-55
Table IV-1	Vegetative Cover Types Used in Air Quality Emissions Analysis	IV-9
Table IV-2	Smoke Emission Factors by Fire Type	IV-10
Table IV-3	Modeled Pre-Burn and Post-Burn Emissions using Prescribed Fire Unit PW-17, the Eleven mile project on the west park boundary	IV-10
Table IV-4	Emissions Factors for Equipment Used in Fire Management Activities	IV-11
Table IV-5	Average Air Emissions Associated with Fire Types in Yosemite	IV-75
	National Park	
Table IV-6	Air Emissions Associated with Mechanical Thinning Activities -	IV-75
	Alternative A	
Table IV-7	Estimated Distribution of Impacts upon Visitor Expenditures, by County	IV-92
Table IV-8	Projected Energy Consumption Under Alternative A	IV-100
Table IV-9	Qualitative effects of different methods of tree and shrub removal in relation to nutrient availability	IV-107
Table IV-10a	Projected Air Emissions Associated with Fire Types in Yosemite - Alternative B	IV-144
	Average Prescribed Fire Estimated Emissions for Alternative B: 2003 – 2009	IV-147
Table IV-11	Air Emissions Associated with Mechanical Thinning Activities	IV-147
	Projected Energy Consumption Under Alternative B	IV-175
Table IV-13	Projected Air Emissions Associated with Fire Types in Yosemite –	IV-204
	Alternative C	
	Average Prescribed Burn Estimated Emissions for Alternative C: 2003 – 2009	IV-206
Table IV-15	Alternative C Projected Air Emissions Associated with Mechanical Thinning	IV-207
Table IV-16	Projected Energy Consumption Under Alternative C	IV-224
Table IV-17	Projected Air Emissions Associated with Fire Types in Yosemite – Alternative D	IV-260
Table IV-18	Average Prescribed Burn Estimated Emissions for Alternative D: 2003 – 2009	IV-262
Table IV-19	Air Emissions Associated with Mechanical Thinning Activities	IV-262
Table IV-20	Projected Energy Consumption Under Alternative D	IV-277
Table V-1	Effects of the Preferred Alternative on ORVs in the Wilderness Segments of	V-6
	the Merced Wild and Scenic River Corridor	
Table V-2	Effects of the Preferred Alternative on ORVs in the Non-Wilderness Segments of the Merced Wild and Scenic River Corridor	V-8
Table V-3	Tuolumne River Outstandingly Remarkable Values (Final Study 1979)	V-11

## **List of Maps** (Maps follow the end of each chapter) Yosemite National Park

I-1

Wildland/Urban Interface Locations	I-2
FMP Vegetation Map	II-1
Fire Return Interval/Vegetation Relationship	II-2
Fire History	II-3
Median Fire Return Interval Departure	II-4
Maximum Fire Return Interval Departure	II-5
Wawona Wildland/Urban Interface	II-6
Wawona Prescribed Burn Units	II-7
El Portal Wildland/Urban Interface	II-8
El Portal Prescribed Burn Units	II-9
Yosemite Valley Wildland/Urban Interface	II-1C
Yosemite Valley Burn Units	II-11
Hodgdon Wildland/Urban Interface	II-12
Hodgdon Prescribed Burn Units	II-13
Foresta Wildland/Urban Interface	II-14
Foresta Prescribed Burn Units	II-15
Yosemite West Wildland/Urban Interface	II-16
Yosemite West Prescribed Burn Units	II-17
Wildland Urban Interfaces	II-18
Fire Management Units: Alternative A	II-19
Fire Management Units: Alternatives B-D	II-20
Parkwide Burn Units	II-21
Air Quality Watersheds	II-22
Maintained Fire Roads	II-23
Road Thinning Areas	II-2
Lightning Strike Density 1990	III-1
Park Fuel Models	III-2
Archaeological Survey Areas: Alternative A	III-3
Archaeological Survey Areas: Alternatives B-D	III-4
Aerial Powerlines	III-5
Tuolumne Wild and Scenic River Watershed	V-1